

APPENDIX A: FIGURES

Subject: EHP

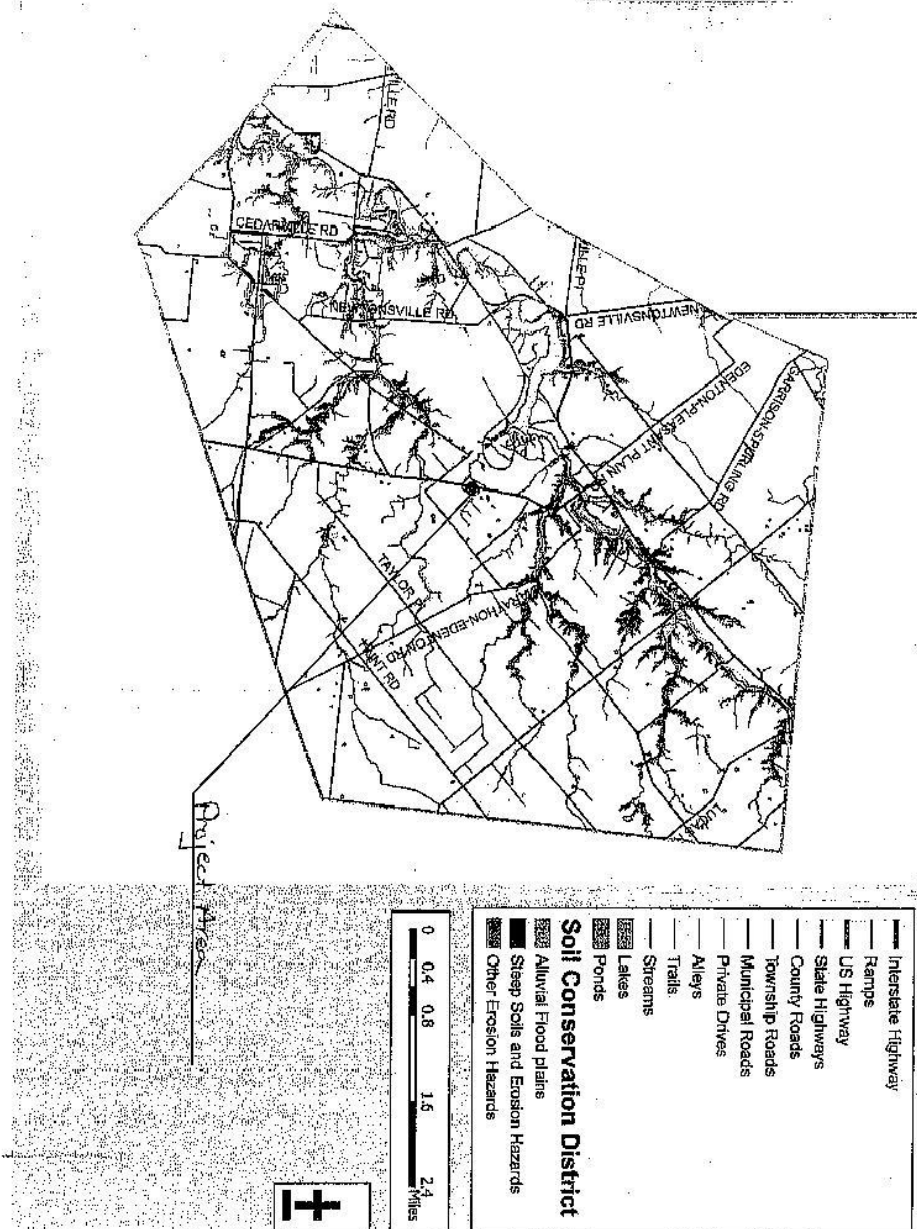
Grantee Name: Wayne Township Fire and Rescue

Award Number: EMW-2009-FC-00723R



Figure 1

Wayne Township and the Village of Newtonsville



APPENDIX B: SITE PHOTOGRAPHS



Looking northeast to southwest, higher ground is structure site that has already been brought to drawings specifications. Pad size is 120' x 115'.



Looking northwest to southeast, higher ground is structure site that has already been brought to drawings specifications. Pad size is 120' x 115'.



Looking southwest to northeast, higher ground is structure site that has already been brought to drawings specifications. Pad size is 120' x 115'.



Looking northwest to southeast, higher ground is structure site that has already been brought to drawings specifications. Pad size is 120' x 115'.

APPENDIX C: PRELIMINARY DRAWINGS

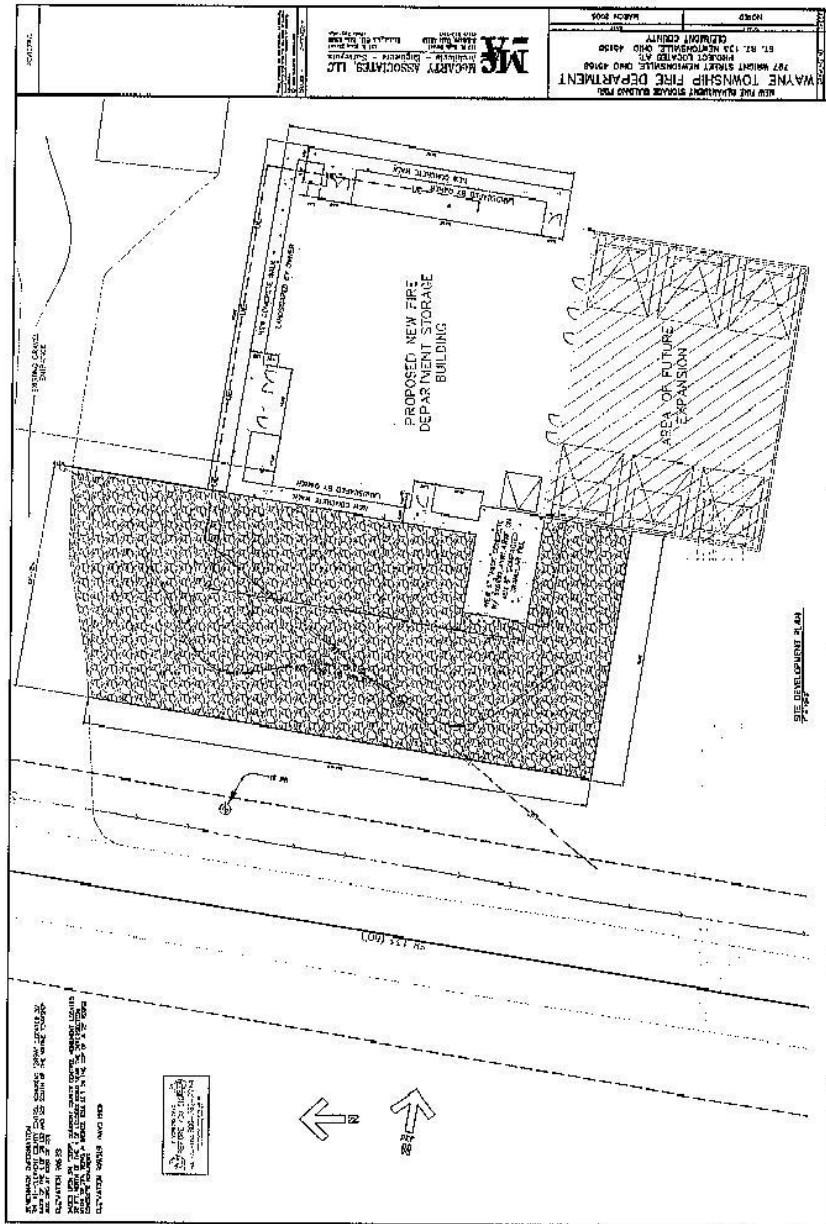


Figure 4

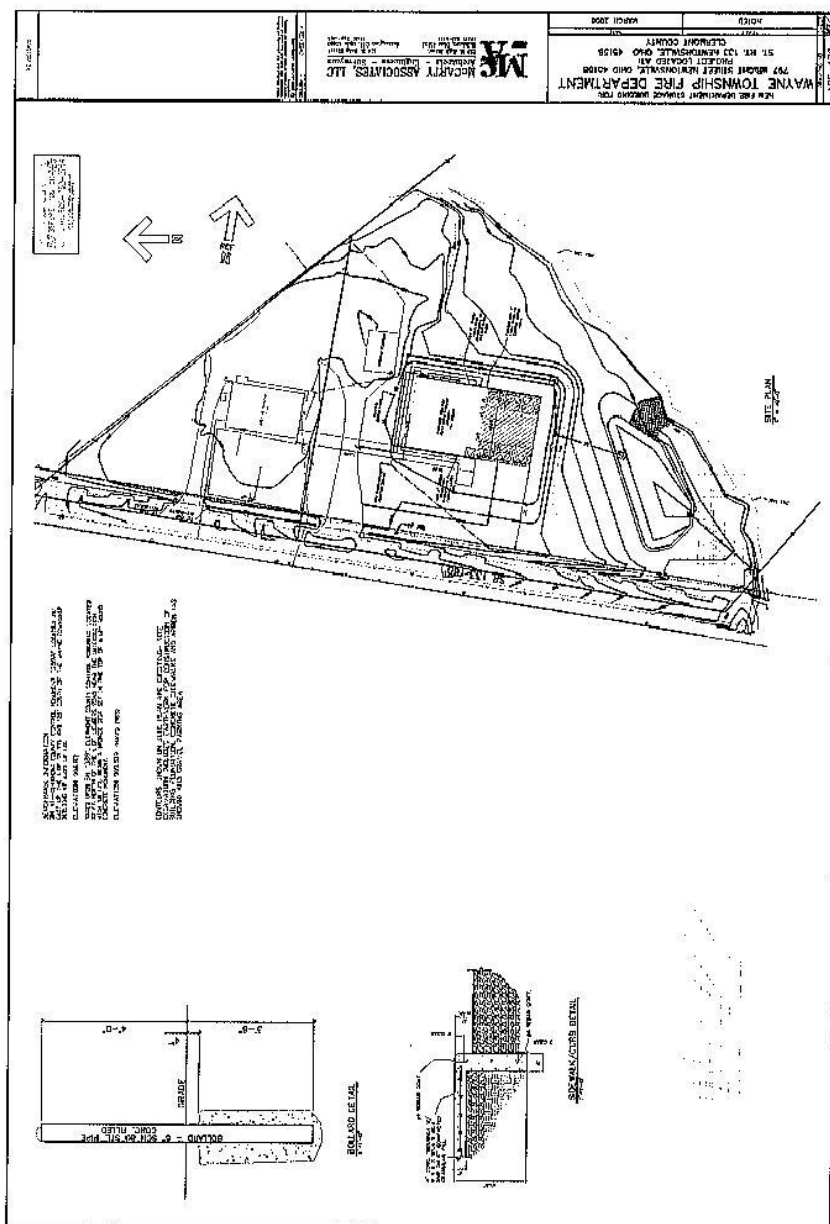


Figure 5

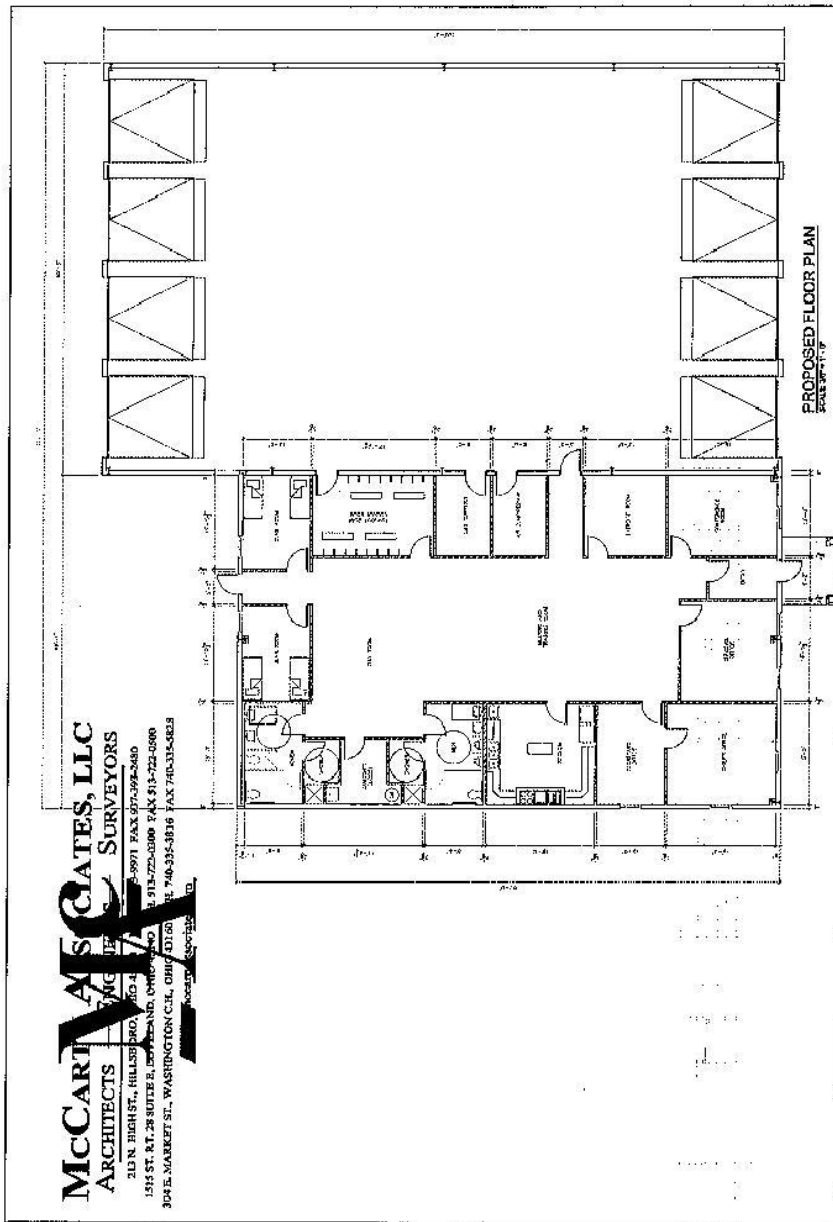
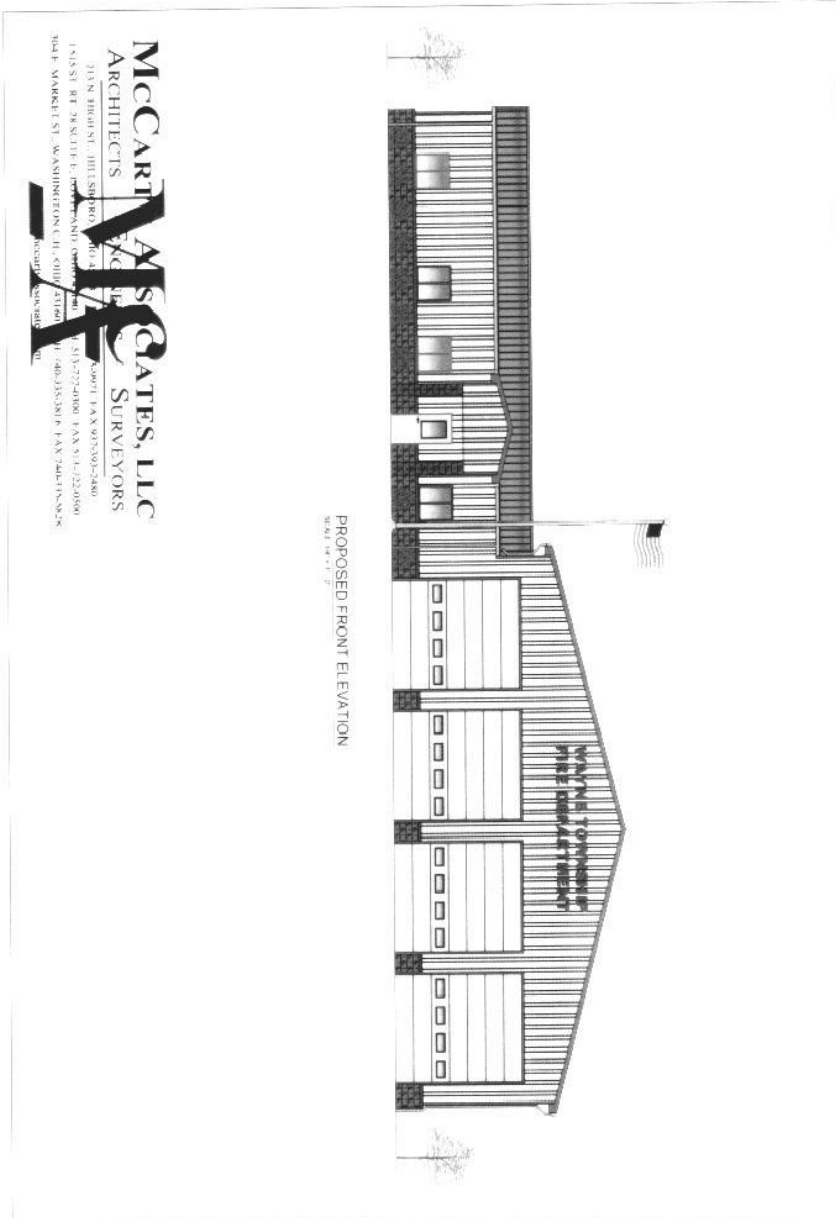


Figure 6



Figure 7



APPENDIX D: AGENCY COORDINATION

Attached:

1. Letter from Ohio Department of Natural Resources dated: September 16, 2005 from Mr. Butch Grieszmer. On October 8, 2009, I talked with Mr. Grieszmer and he stated that the assessment done in September 2005 is still acceptable and applicable to the project.
2. Letter from the Ohio Historical Society, Ohio department of Development in which it stated the proposed project would not affect historic properties. In a Fax dated October 7, 2009, from Mr. Bill Palmer, Ohio Historical Society to a member of my staff, Kathy Fuchs, he states that the Section 106 review still applies regardless of the change in funding authority.
3. Letter from Wayne Township Fire and Rescue to Chief Scott E. Beemer, PhD of the Kispoko Sept. of Ohio Shawnee Indian Tribe dated January 11, 2010. The letter addresses the proposed site and the nature of the project.
4. Letter from Wayne Township Fire and Rescue to Chief Walter T. Renz of the Chaliawa (Cat Nation) Indian Tribe dated January 11, 2010. The letter addresses the proposed site and the nature of the project.
5. Letter from Wayne Township Fire and Rescue to Chief Hawk Pope of the Shawnee Nation United Remnant Band of Ohio dated January 11, 2010. The letter addresses the proposed site and the nature of the project.



DIVISION OF NATURAL AREAS & PRESERVES
Ohio Department of Natural Resources
 2045 Morse Road, Building F-1
 Columbus, OH 43229-6693
 (614) 265-6453

Facsimile Transmission

Date: 10-8-2009 Time: 9:29 No. of pages (inc. cover) 3

Please deliver the following fax message to:

Name: CHIEF DAVID MOULDEN From: Butch

If you do not receive all of the pages, please call:
 Office Number - (614) 265-6453
 Fax Number - (614) 267-3096

Comments:

*LET ME KNOW IF THERE IS ANYTHING
 ELSE I CAN DO FOR YOU.*

Butch
 (614) 264-6409





Ohio Department of Natural Resources

TED STRICKLAND, GOVERNOR

SEAN D. LOGAN, DIRECTOR

Division of Natural Areas & Preserves

Tom Linkous, Chief

2045 Morse Rd., Bldg. F-1

Columbus, OH 43229-6893

Phone: (614) 265-6453 Fax: (614) 267-3096

September 16, 2005

Mary Werner
Clermont County Board of Commissioners
2275 Baver Rd.
Batavia, OH 45103

Dear Ms. Werner:

After reviewing our Natural Heritage maps and files, I find the Division of Natural Areas and Preserves has records of rare or endangered species within the study area outlined on the map of the Clermont County Board of Commissioners Wayne Township Fire Department Garage project. The site is located 0.3 mi. NNW. of the junction of St.Rt. 133 and Leuders Rd., Wayne Twp., Clermont Co., Newtonsville Quadrangle. *Botrychium biternatum*, Sparse-lobed Grape Fern, is Threatened in Ohio. The map I have included with this letter displays the location of this record.

There are no existing or proposed state nature preserves at the project site. We are also unaware of any unique ecological sites, geologic features, breeding or non-breeding animal concentrations, state parks, state forests, scenic rivers, or wildlife areas within the project area. However, the site is near a high quality Beech-Oak-Red Maple Forest. Best management practices should be employed to avoid impacting this unique natural feature. The site is also near the Stonelick Lake State Park. Brent Culver of the Division of Parks should be consulted regarding possible impacts to the park. He can be reached at (614) 265-6523.

Our inventory program has not completely surveyed Ohio and relies on information supplied by many individuals and organizations. Therefore, a lack of records for any particular area is not a statement that rare species or unique features are absent from that area. Although we inventory all types of plant communities, we only maintain records on the highest quality areas. Also we do not have data for all Ohio wetlands. The Division of Wildlife has a statewide wetland inventory that can give you additional data. Their phone number is (614) 265-6300. For National wetlands Inventory maps, please contact Madge Fitak in the Division of Geological Survey at (614) 265-6576. Aerial photos may be obtained from ODOT at (614) 275-1369. USGS maps can be requested directly from the U.S. Geological Survey at 1-888-275-8747.

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ohiodnr.com



DNR-0001

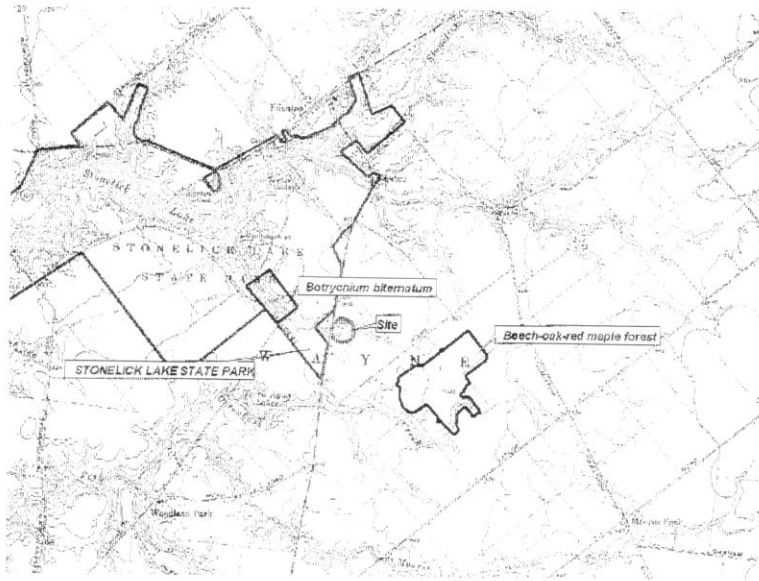
Mary Werner
September 16, 2005
Page 2

Please contact me at (614) 265-6409 if I can be of further assistance.

Sincerely,



Butch Grieszmer, Data Analyst
Resource Services Group





FAX

Date: 10/7/09

3 # of Pages (incl. Cover)

To: Kathy Wayne twp. Fire & Rescue Clermont Co.

FAX #: 513 625 6227

From: Bill Palmer

If you do not receive all the pages, please call 614-298-2000 ask for Kelly

Kathy:

Here is the cover letter for our review.

If the project has not changed then our Section 106 review still applies, regardless of the change in funding agency (FEMA).

If there are changes, just let us know about those changes. There is no need for us to review the entire project again.

Bill Palmer

OHIO HISTORICAL SOCIETY
Ohio Historic Preservation Office
1982 Verma Avenue Columbus, Ohio 43211-2497 ph: 614.298.2000 fx: 614.298.2037
www.ohiohistory.org



OHIO DEPARTMENT OF DEVELOPMENT

Bob Taft
Governor

Bruce Johnson
Director

October 24, 2005

Mary Werner
Clermont County Department of Community Planning and Development
2275 Bauer Road
Batavia, Ohio 45103

Dear Ms. Werner:

RE: Section 106 Review
Clermont County FY 2005 CDBG Formula

This is in response to the receipt, on October 20, 2005, of additional information regarding the proposed projects included in the FY 2005 CDBG Formula Program for Clermont County. This letter addresses the countywide Septic System Abandonment and Rehabilitation Program, and the proposed activities in the Village of Williamsburg, Union Township, Franklin Township, Wayne Township, and the City of Milford. William Palmer, History/Architecture Development Reviews Manager at the Ohio Historic Preservation Office, will send a separate correspondence regarding the proposed wall repair project in the Village of New Richmond. My comments are made in accordance with the provisions of Section 106 of the National Historic Preservation Act of 1966, as amended, the associated regulations at 36 CFR 800, and the Programmatic Agreement between the State of Ohio Department of Development and the Ohio Historic Preservation Office.

Village of Williamsburg – Community Park Improvements Phase II

This project involves the installation of a small playground in the Village of Williamsburg Community Park.

Union Township – Meese Drive Sanitary Sewer Project

This project involves the installation of approximately 828 LF of 3" sewer line along Meese Drive, between the existing sewer main on Gene Lane and the end of Meese Drive.

Franklin Township – EMS Building Expansion Project

This project involves the construction of a 40' x 41' addition to the existing EMS building on Hopewell Road in Franklin Township.

Wayne Township – Fire Department Garage

This project involves the construction of an 80' x 80' fire department garage on township property on SR 133.

City of Milford – Main Street Sidewalk Project

This project involves the installation of 670 LF of sidewalk along Main Street, between Crestview Drive and Edgcombe Road. The project also includes the repaving of a portion of Main Street.

Based on the information provided, it is my opinion that the proposed activities in the Village of Williamsburg, Union Township, Franklin Township, Wayne Township, and the City of Milford will not affect historic properties. Please be aware, however, that there is a known archaeological site,

77 S. High St., P.O. Box 1001, Columbus, Ohio 43216-1001 (614)466-2480

Ms. Werner
October 24, 2005
Page 2

33-Ct-603, within the boundaries of the Village of Williamsburg Community Park. While the initial analysis of this site indicated that it is not eligible for inclusion in the National Register of Historic Places, project personnel should be conscious that archaeological materials could be present in the immediate project vicinity. No further coordination is required for these five activities unless the scope of the work changes or archaeological remains are discovered during the course of the projects. In such a situation, this office should be contacted as per 36 CFR 800.13.

To complete the Section 106 review of the Septic System Abandonment and Rehabilitation Program, however, I will need additional information.

Clermont County Board of Health – Septic System Abandonment and Rehabilitation Program
This project involves the replacement of septic tanks or the installation of sewer hook-ups at selected residences throughout the county.


Since documentation regarding specific project locations is not yet available, I cannot provide comments regarding the proposed work. Once the County has selected specific properties for participation in this program, please submit the following information to the Ohio Historic Preservation Office for review:

1. Color photographs of the location of the proposed work. Preferred format is 3"x5" color prints.
2. A site map with the project location labeled as well as street/road names designated.
3. A schematic map of the project site that indicates the extent of the proposed work (e.g. proposed location of sewer line or septic system).
4. A detailed scope of work for each property.

I will continue my review of the Clermont County Board of Health Activity upon receipt of the requested information.

If you have any questions, please contact me at (614) 466-2285, or by email at tmallen@odod.state.oh.us.

Sincerely,



Timothy M. Allen, Environmental Review Specialist
Office of Housing and Community Partnerships

c: Mark Epstein, OHPO

WAYNE TOWNSHIP FIRE & RESCUE

797 Wright Street • PO Box 262 • Newtonsville, Ohio 45158 • (513) 625-6212

January 11, 2010

Kispoko Sept of Ohio Shawnee
Principal Chief: Scott E. Beemer, PhD
202 east High Street
Cridersville, Ohio 45806

Dear Chief Beemer:

Wayne Township Fire and Rescue is undertaking a project to build a new Fire Station on land owned by the Township at 6306 State Route 133, Goshen, Ohio 45122. In research of the State of Ohio area it was determined that the Shawnee nation lived throughout the state and in this area.

In preparation of our Environmental Assessment and Historic Preservation Review, I request any information that you might have as to any historical value related to this property.

Thank you for taking the time to review and respond to this request. If you have any questions, please contact me at 513-625-6212.

Sincerely,



David G. Moulden
Fire Chief

WAYNE TOWNSHIP FIRE & RESCUE

797 Wright Street • PO Box 262 • Newtonsville, Ohio 45158 • (513) 625-6212

January 11, 2010

Challiawa (Cat Nation)
Chief Walter T. Renz
1121 Clayburg Road Lot. 89
Greenwich, Ohio 44837

Dear Chief Renz:

Wayne Township Fire and Rescue is undertaking a project to build a new Fire Station on land owned by the Township at 6306 State Route 133, Goshen, Ohio 45122. In research of the State of Ohio area it was determined that the Chaillawa nation lived throughout the state and in this area.

In preparation of our Environmental Assessment and Historic Preservation Review, I request any information that you might have as to any historical value related to this property.

Thank you for taking the time to review and respond to this request. If you have any questions, please contact me at 513-625-6212.

Sincerely,



David G. Moulden
Fire Chief

WAYNE TOWNSHIP FIRE & RESCUE

797 Wright Street • PO Box 262 • Newtonsville, Ohio 45158 • (513) 625-6212

January 11, 2010

Shawnee Nation United Remnant Band of Ohio
Principal Chief: Hawk Pope
7092 SR 540
Bellfontaine, Ohio 43311

Dear Chief Pope:

Wayne Township Fire and Rescue is undertaking a project to build a new Fire Station on land owned by the Township at 6306 State Route 133, Goshen, Ohio 45122. In research of the State of Ohio area it was determined that the Seneca nation lived throughout the state and in this area.

In preparation of our Environmental Assessment and Historic Preservation Review, I request any information that you might have as to any historical value related to this property.

Thank you for taking the time to review and respond to this request. If you have any questions, please contact me at 513-625-6212.

Sincerely,



David G. Moulden
Fire Chief

APPENDIX E: STORMWATER MANAGEMENT AND EROSION CONTROL PLAN

WAYNE TOWNSHIP FIRE DEPARTMENT

PROJECT NO. A05-176

7/06

RUNOFF CONTROL SYSTEM

The Wayne Township Trustees intend to build a new garage and community center adjacent to the existing township building located at 6320 SR 133. The new facility will be developed in phases. This report and the planned storm detention system have been developed based on all phases of work being completed.

LAND COVER SUMMARY

PRE DEVELOPED			
COVER	AREA	SOIL GROUP	CN
Meadow	2.697	C	71
Existing Impervious	0.294	N/A	98
TOTAL AREA	2.991		

A sketch indicating cover types, soil groups and relationship to proposed development for the pre-developed conditions is attached as Figure 1.1 in the supporting data section of this report.

LAND COVER SUMMARY

POST-DEVELOPED			
COVER	AREA	SOIL GROUP	CN
Proposed Impervious	1.072	N/A	98
Proposed Lawn	1.625	C	71
Existing Impervious	0.294	N/A	98
TOTAL AREA	2.991		

A sketch indicating cover types and soil groups for the post-developed conditions listed above is attached as Figure 1.2 in the supporting data section of this report.

Computer reports for the pre and post developed conditions are attached in the supporting data section. The master network summary of each output section contains calculated runoff rates and hydrograph volumes of storms of 1 year to 100 year frequency. Results of the pre and post developed analysis for this site are tabulated as follows:

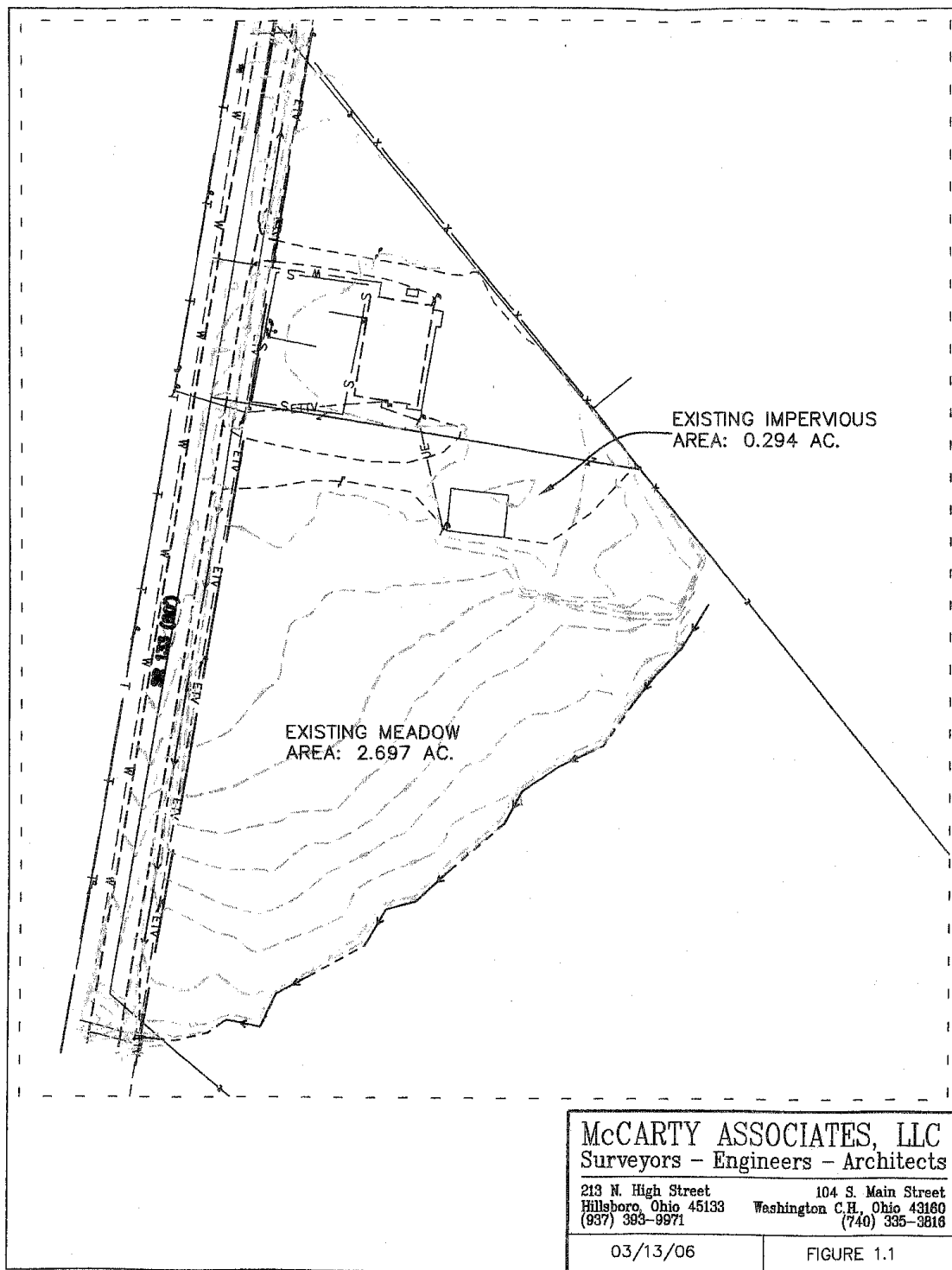
McCARTY ASSOCIATES, LLC

RETURN FREQUENCY	PRE-DEV. HYDROGRAPH VOLUME (AC-FT)	POST-DEV. HYDROGRAPH VOLUME (AC-FT)	PRE-DEV. RUNOFF RATE (CFS)	POST-DEV. RUNOFF RATE (CFS)
2 Yr	0.211	0.341	3.14	6.15
5 Yr	0.327	0.484	4.97	8.72
10 Yr	0.416	0.591	6.40	10.61
25 Yr	0.531	0.724	8.23	12.90
50 Yr	0.610	0.814	9.49	14.44
100 Yr	0.711	0.928	11.10	16.37

The critical storm was then determined as outlined in the county regulations as follows: $[(0.341/0.211)-1.0] \cdot 100\% = 61.6\%$. A 62% increase in hydrograph volume indicates the 10-year storm is the critical design storm.

The third set of computer output reports is the supporting data section containing a complete analysis of the proposed development including the proposed detention basin and outlet structure system. Sketches of the detention basin emergency overflow and outlet control structure are attached as Figures 1.3 and 1.4 respectfully. Results of the analysis of the detention basin and outlet structure are tabulated as follows:

RETURN FREQUENCY	POST-DEV. RUNOFF RATE (CFS)	ALLOWABLE POST-DEV. RUNOFF RATE (CFS)	CALCULATED POST-DEV RUNOFF RATE (CFS)	MAX WATER SURFACE ELEVATION (FT)	MAX BASIN B STORAGE VOLUME (AC & FT)
2 Yr	6.15	3.14	1.44	899.43	0.106
5 Yr	8.72	3.14	1.63	899.84	0.166
10 Yr	10.61	3.14	1.99	900.12	0.212
25 Yr	12.90	3.14	6.55	900.24	0.234
50 Yr	14.44	9.49	10.86	900.30	0.244
100 Yr	16.37	11.10	13.45	900.32	0.248



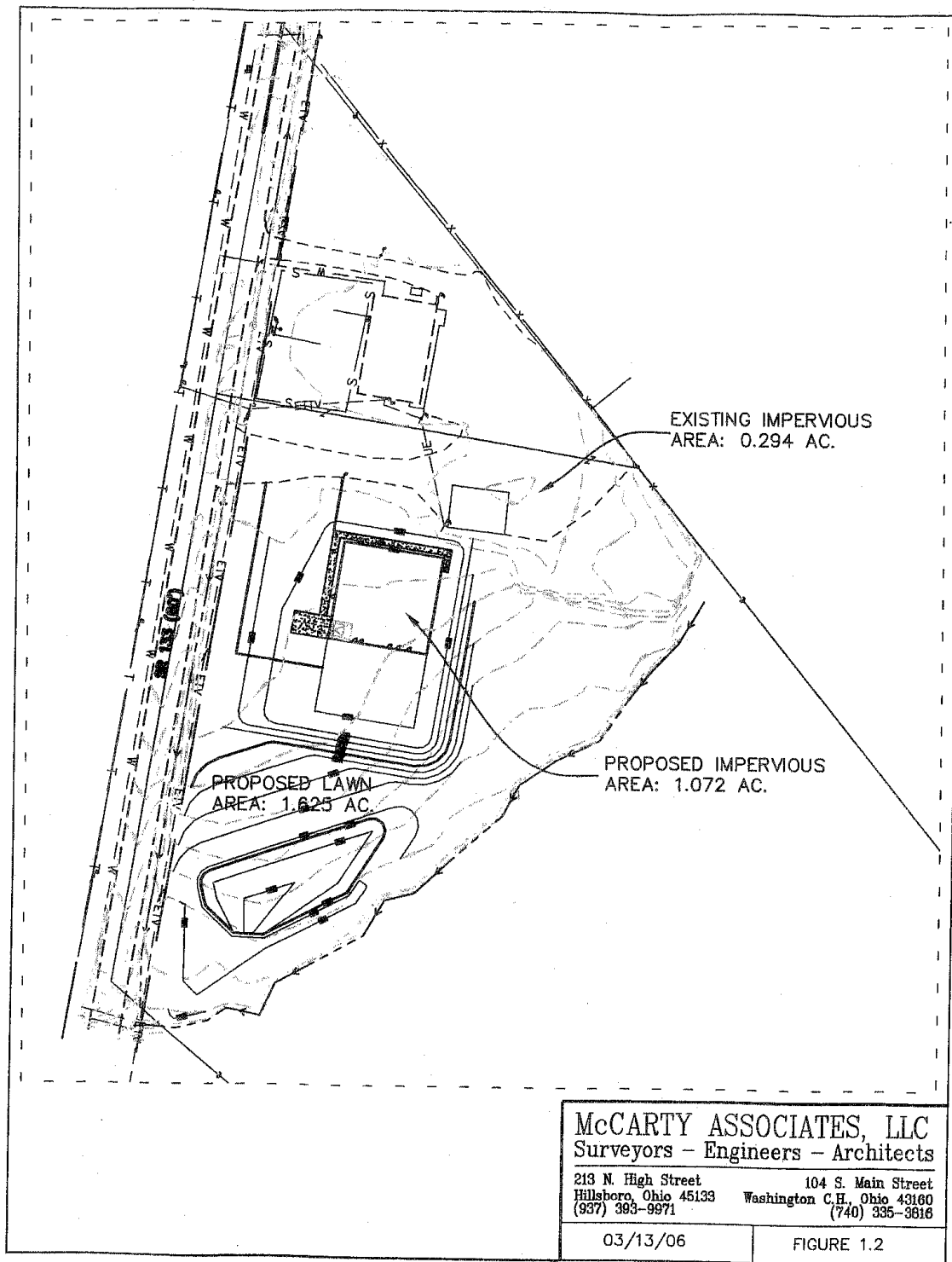


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***** CN CALCULATIONS *****	
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Name.... Watershed
 File.... F:\RYAN\Pond Pack Projects\A05-176 Wayne TWP FD\PREDEV.FPW

MASTER DESIGN STORM SUMMARY

Network Storm Collection: Clermont-55

Return Event	Total Depth in	Rainfall Type	RNF ID
Pre 1	2.5000	Synthetic Curve	TypeII 24hr
Pre 2	2.9000	Synthetic Curve	TypeII 24hr
Pre 5	3.6000	Synthetic Curve	TypeII 24hr
Pre 10	4.1000	Synthetic Curve	TypeII 24hr
Pre 25	4.7000	Synthetic Curve	TypeII 24hr
Pre 50	5.1000	Synthetic Curve	TypeII 24hr
Pre100	5.6000	Synthetic Curve	TypeII 24hr

MASTER NETWORK SUMMARY SCS Unit Hydrograph Method

(*Node=Outfall; +Node=Diversion;)
 (Trun= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left&Rt)

Node ID	Type	Return Event	HYG Vol ac-ft	Trun	Qpeak hrs	Qpeak cfs	Max WSEL ft	Max Pond Storage ac-ft
BASIN	IN POND	1	.152		12.0500	2.19		
BASIN	IN POND	2	.211		12.0500	3.14		
BASIN	IN POND	5	.327		12.0500	4.97		
BASIN	IN POND	10	.416		12.0000	6.40		
BASIN	IN POND	25	.531		12.0000	8.23		
BASIN	IN POND	50	.610		12.0000	9.49		
BASIN	IN POND	100	.711		12.0000	11.10		
BASIN	OUT POND	1	.152		12.0500	2.19		
BASIN	OUT POND	2	.211		12.0500	3.14		
BASIN	OUT POND	5	.327		12.0500	4.97		
BASIN	OUT POND	10	.416		12.0000	6.40		
BASIN	OUT POND	25	.531		12.0000	8.23		
BASIN	OUT POND	50	.610		12.0000	9.49		
BASIN	OUT POND	100	.711		12.0000	11.10		

S/N: 321E01B070C9
 PondPack Ver. 09.00.077.00

McCarty Associates
 Time: 11:52 AM

Date: 3/9/2006

Type.... Master Network Summary
 Name.... Watershed
 File.... F:\PYAN\Pond Pack Projects\A05-176 Wayne TWP FD\PREDEV.PPW

Page 1.02

MASTER NETWORK SUMMARY
 SCS Unit Hydrograph Method

(*Node=Outfall; +Node=Diversion;)
 (Trun= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left&Rt)

Node ID	Type	Return Event	HYG Vol ac-ft	Trun	Qpeak hrs	Qpeak cfs	Max WSEL ft	Max Pond Storage ac-ft
*STREAM	JCT	1	.152		12.0500	2.19		
*STREAM	JCT	2	.211		12.0500	3.14		
*STREAM	JCT	5	.327		12.0500	4.97		
*STREAM	JCT	10	.416		12.0000	6.40		
*STREAM	JCT	25	.531		12.0000	8.23		
*STREAM	JCT	50	.610		12.0000	9.49		
*STREAM	JCT	100	.711		12.0000	11.10		
WAYNE FD	AREA	1	.152		12.0500	2.19		
WAYNE FD	AREA	2	.211		12.0500	3.14		
WAYNE FD	AREA	5	.327		12.0500	4.97		
WAYNE FD	AREA	10	.416		12.0000	6.40		
WAYNE FD	AREA	25	.531		12.0000	8.23		
WAYNE FD	AREA	50	.610		12.0000	9.49		
WAYNE FD	AREA	100	.711		12.0000	11.10		

S/N: 321E01B070C9
 PondPack Ver. 09.00.077.00

McCarty Associates
 Time: 11:52 AM

Date: 3/9/2006

Name.... Clermont-55

File.... F:\RYAN\Pond Pack Projects\A05-176 Wayne TWP FD\
Title... Project Date: 3/9/2006
Project Engineer: Ryan Jeter PE
Project Title: Wayne Township FD
Project Comments:

DESIGN STORMS SUMMARY

Design Storm File, ID = Clermont-55

Storm Tag Name = Pre 1

Data Type, File, ID = Synthetic Storm TypeII 24hr
Storm Frequency = 1 yr
Total Rainfall Depth= 2.5000 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Storm Tag Name = Pre 2

Data Type, File, ID = Synthetic Storm TypeII 24hr
Storm Frequency = 2 yr
Total Rainfall Depth= 2.9000 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Storm Tag Name = Pre 5

Data Type, File, ID = Synthetic Storm TypeII 24hr
Storm Frequency = 5 yr
Total Rainfall Depth= 3.6000 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Storm Tag Name = Pre 10

Data Type, File, ID = Synthetic Storm TypeII 24hr
Storm Frequency = 10 yr
Total Rainfall Depth= 4.1000 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Storm Tag Name = Pre 25

Data Type, File, ID = Synthetic Storm TypeII 24hr
Storm Frequency = 25 yr
Total Rainfall Depth= 4.7000 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

S/N: 321E01B070C9
PondPack Ver. 09.00.077.00

McCarty Associates
Time: 11:52 AM

Date: 3/9/2006

Type.... Design Storms
Name.... Clermont-55

Page 2.02

File.... F:\RYAN\Pond Pack Projects\A05-176 Wayne TWP FD\
Title... Project Date: 3/9/2006
Project Engineer: Ryan Jeter PE
Project Title: Wayne Township FD
Project Comments:

DESIGN STORMS SUMMARY

Design Storm File, ID = Clermont-55

Storm Tag Name = Pre 50

Data Type, File, ID = Synthetic Storm TypeII 24hr
Storm Frequency = 50 yr
Total Rainfall Depth= 5.1000 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Storm Tag Name = Pre100

Data Type, File, ID = Synthetic Storm TypeII 24hr
Storm Frequency = 100 yr
Total Rainfall Depth= 5.6000 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

